

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	156	(438/608).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/18 17:27
L2	162	(438/605).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/18 17:28

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("6057562" "6121635" "6350997").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 10:36
S2	2	"20030059972".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 10:41
S3	2	"6483127".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 12:37
S4	2	"20050285127".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 14:40
S5	2	"20050285127".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 13:13
S6	2	"7041529".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 14:27
S7	4	((("5442203") or ("5481122") or ("6426512") or ("6465809"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 14:27
S8	1	S7 and anneal\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/23 14:29

## EAST Search History

S9	1	S7 and anneal\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/23 14:30
S10	0	S7 and (In\$2contain\$3 near5 GaAs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/23 14:31
S11	19144	ITO and (anneal\$3 or heat\$3 or densify) and led	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 14:44
S12	4	S11 and (ito same gaas same (gainp ingap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 14:47
S13	14	ito same gaas same (gainp ingap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:02
S14	10	S13 and (anneal\$3 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:22
S15	9	S14 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:02
S16	5	S15 and concentration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:03

## EAST Search History

S17	6	S13 and (anneal\$3 or heat\$3) and concentration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:43
S18	499389	ITO (indium near3 (tin near3 oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:44
S19	65134	(indium near3 (tin near3 oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:44
S20	46156	S19 and ITO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:44
S21	7432	S20 and LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:44
S22	4905	S21 and (anneal\$3 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:05
S23	804	S22 and GaAs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 15:46
S24	62	S23 and InGaAs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:06

## EAST Search History

S25	1285	S21 and (anneal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:05
S26	38	S25 and InGaAs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:31
S27	36100	anneal\$3 near10 (indium In)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:31
S28	36463	anneal\$3 near10 (indium In)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:32
S29	3710	S28 and led	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:32
S30	0	S29 and (ito same gaas same (gainp ingap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:33
S31	556	S29 and ito	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:34
S32	21	S31 and (gaas near5 (In or indium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:38

## EAST Search History

S33	39952	(transparent near5 electrode) and ITO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:39
S34	30125	(transparent near5 electrode) same ITO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:39
S35	4419	S34 and LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:39
S36	2015	S35 and (contact near3 (layer or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 16:40
S37	569	S36 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 19:39
S38	736	((In indium) near10 diffus\$3) same gaas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 19:42
S39	219	S38 and (led light\$emitt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 19:45
S40	95	S39 and (ITO indium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 19:48

## EAST Search History

S41	36	S40 and ((contact or electrical) near5 resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 19:48
S42	1	("6483127").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 13:04
S43	0	S42 and ingaas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 13:05
S44	1	S42 and (contact near3 layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 13:05
S45	1	("6225648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 16:03
S46	1	S45 and thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:03
S47	1	("5045502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 16:06
S48	1	S47 and thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:07
S49	737	((In indium) near10 diffus\$3) same gaas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:09

## EAST Search History

S50	219	S49 and (led light\$emitt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:09
S51	95	S50 and (ITO indium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:09
S52	36	S51 and ((contact or electrical) near5 resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:09
S53	35	S52 and ((contact or electrical) near5 resistance) and thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:09
S54	10	S53 and (thick\$4 near5 contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:12
S55	9024	alloy same LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:23
S56	184	S55 and "al.sub.x"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:23
S57	0	((("al.sub.xGa.sub.1.sub.-x")".sub. y")"In.sub.1.sub.-yP"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:27



## EAST Search History

S58	0	((("al.sub.xGa.sub.1.sub.-x")".sub.y"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:28
S59	5631	"al.sub.x" "Ga.sub.1.sub.-x"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:28
S60	0	S59 and "In.sub.1.sub.-y"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:31
S61	1615	S59 and indium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:31
S62	144	S61 and phosphorous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/17 16:31